

II. AMENDMENTS TO THE SPECIFICATION:

Please make the following amendments to the specification:

On page 12, par. 0028, please amend as follows:

In one embodiment, corrective action system 56 [[58]] will relocate (e.g., change the design, or recommend such a change) one or more I/O pads from an overloaded I/O pad group to a non-overloaded I/O pad group so that the group switching current will no longer exceed the maximum switching current. For example, if the maximum switching current is 200 milliamperes, and I/O pad group "A" includes four pads that each have a switching current of 60 milliamperes, one I/O pad can be relocated from group "A" to I/O pad group "B." When relocating I/O pads in this manner, the group switching current for the receiving group (e.g., group "B") should be recalculated to ensure that the insertion does not cause it to exceed the maximum switching current. In another embodiment, corrective action system 56 could insert (e.g., change the design or recommend such a change) of an additional power pad into the overloaded I/O pad group. This essentially amounts to splitting the single, overloaded I/O pad group into two separate I/O pad groups. Thus, if the group switching current for an I/O pad group was 240 milliamperes, the insertion of an additional power pad into that group would yield two separate I/O pad groups that each have a group switching current of 120 milliamperes.

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Page 2 of 12